

Broader Regional Market Metrics (CTS)

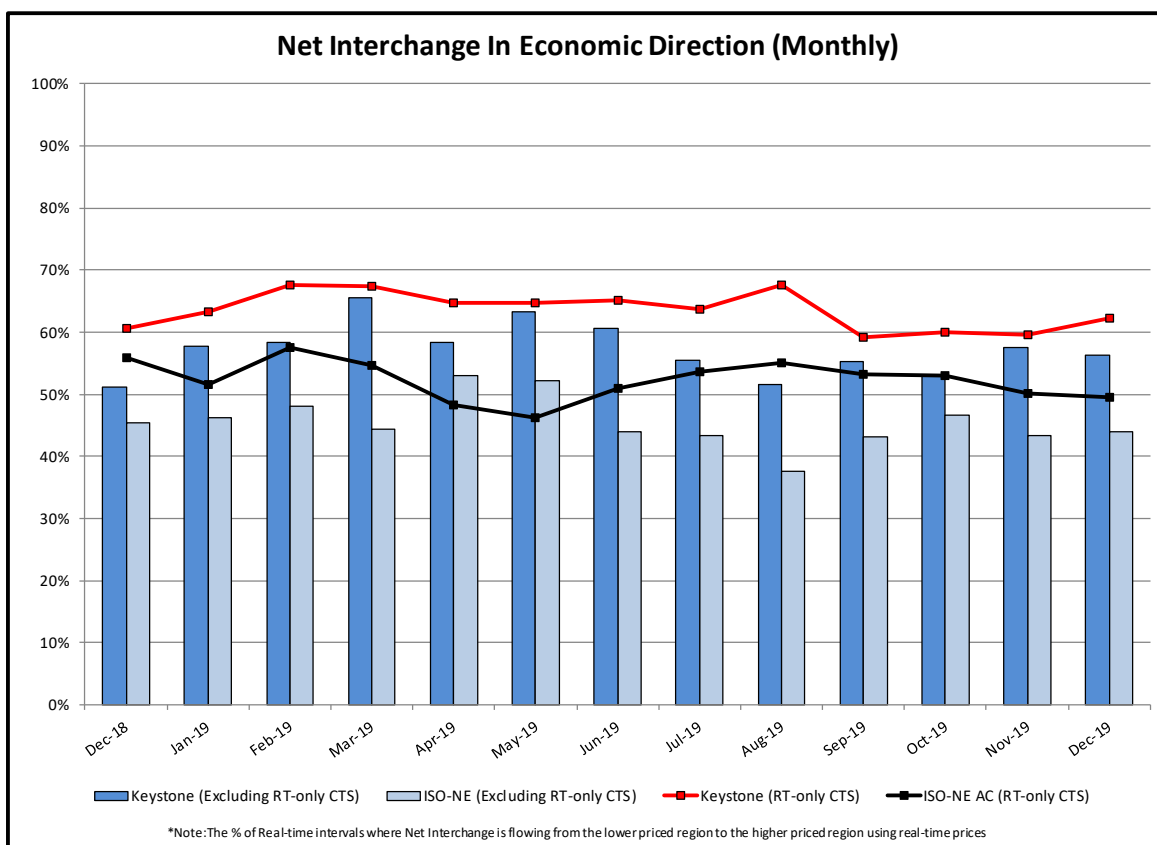
New York Independent
System Operator

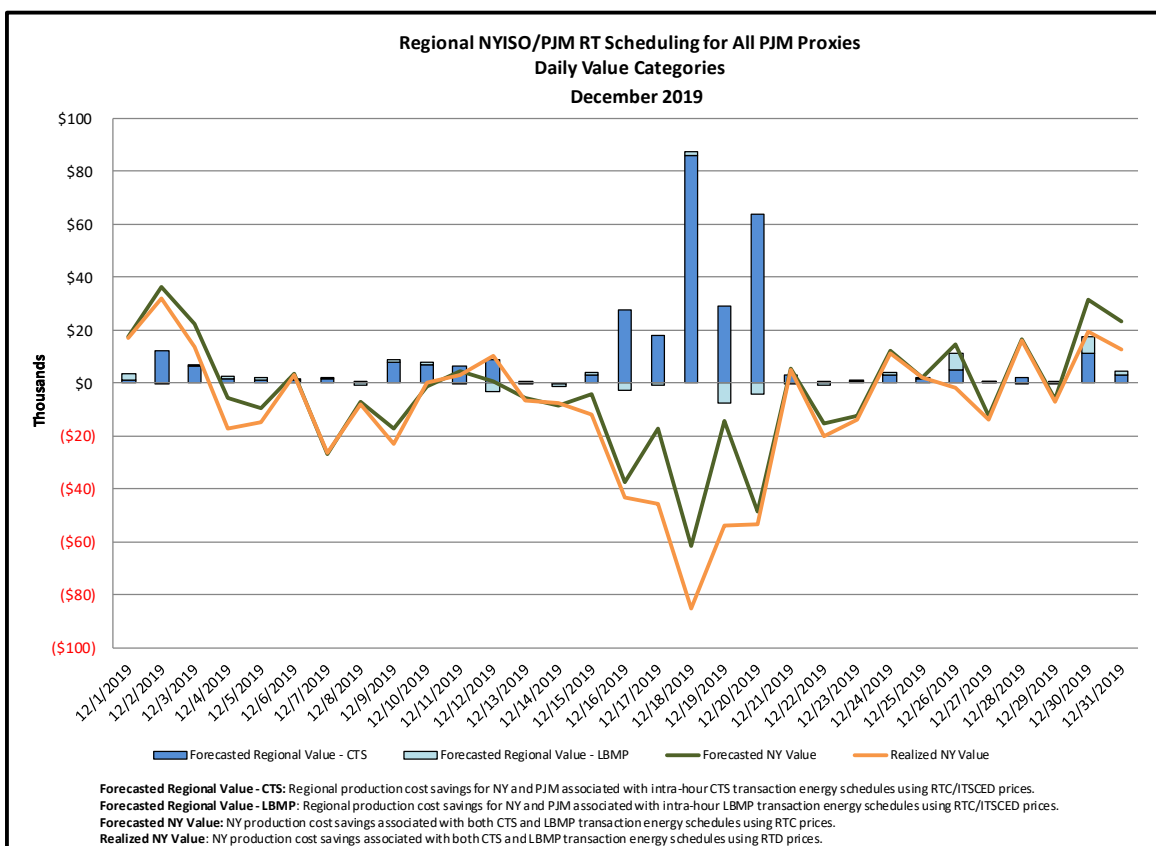
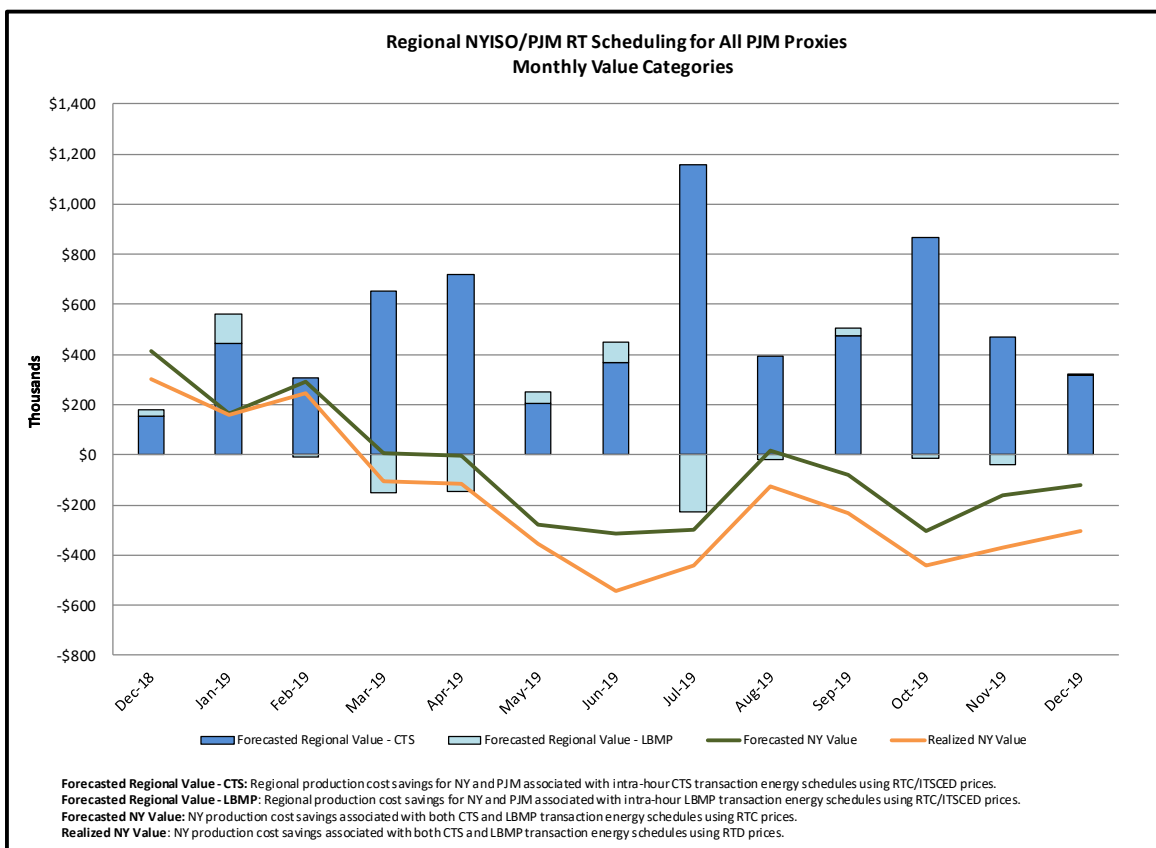
December 2019

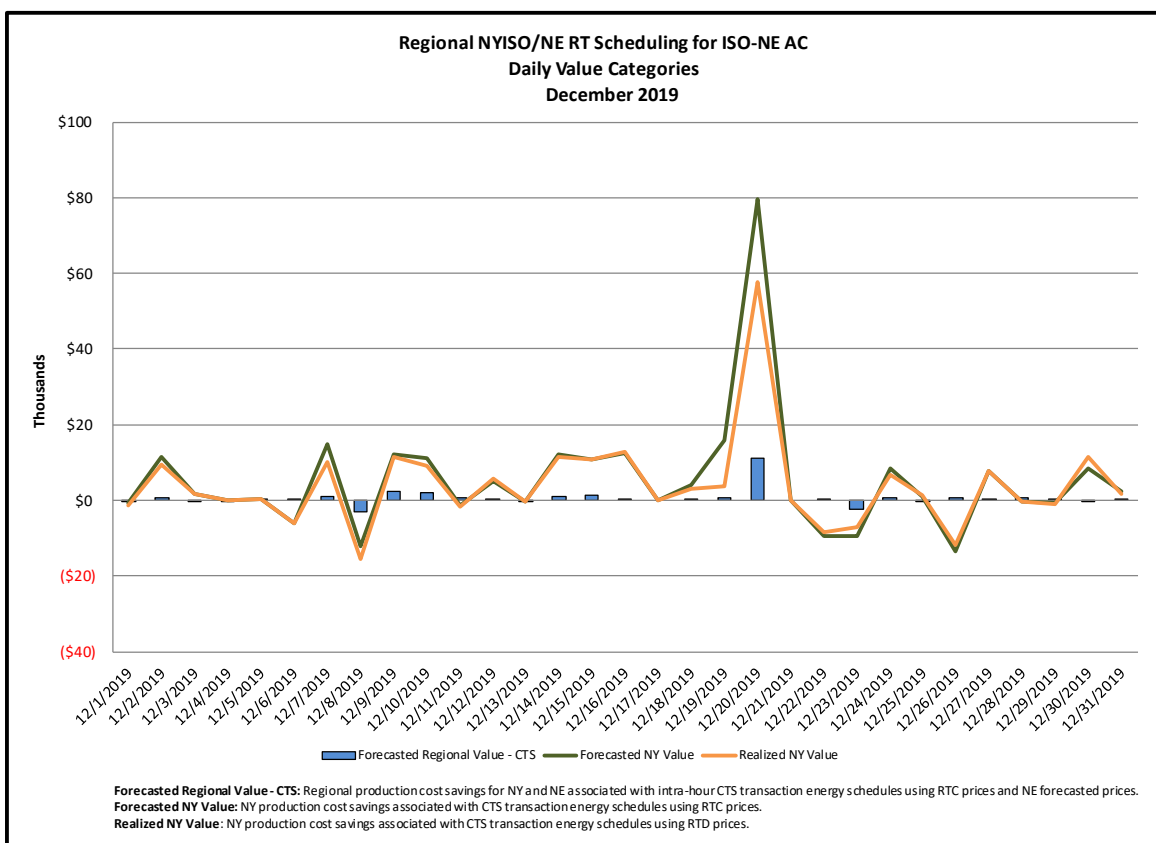
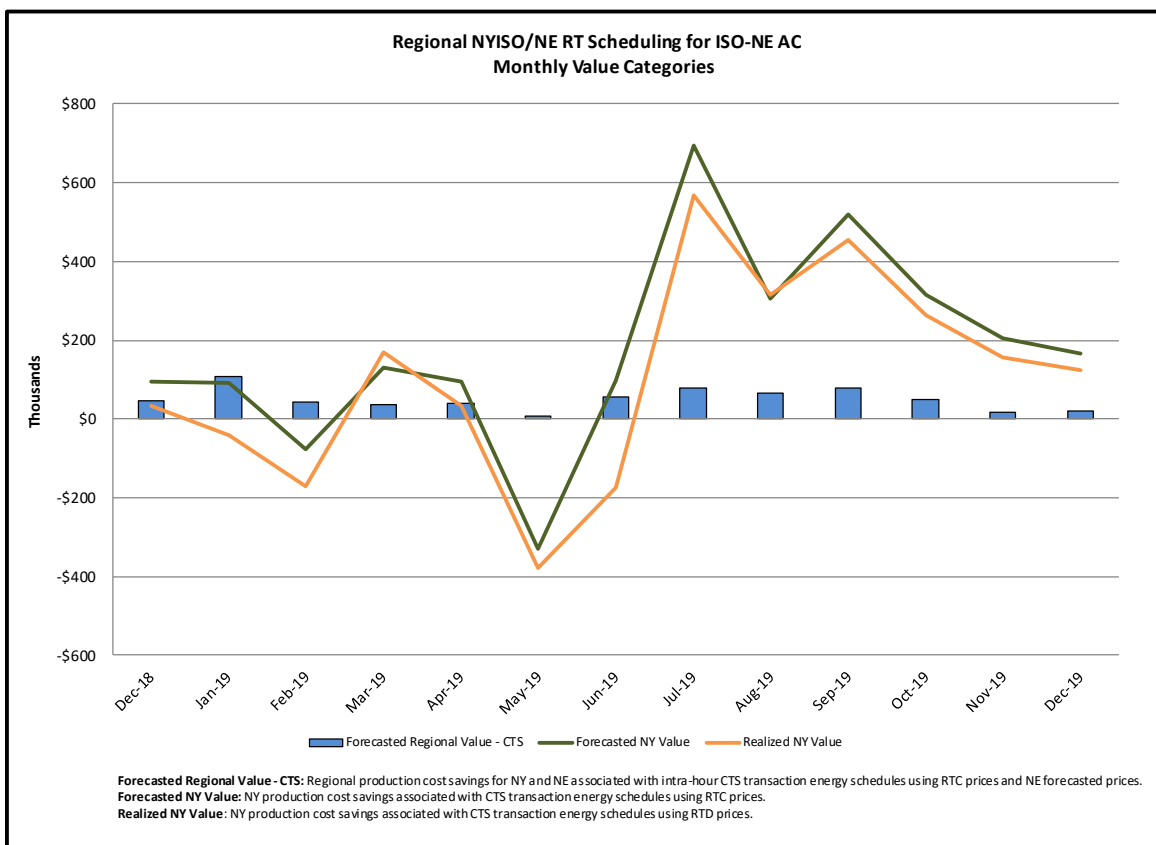
Charts¹ Prepared by NYISO Market Operations – Market Validation

¹ All MW Values include the absolute sum of both imports + exports. Wheels have been excluded.





“Forecasted Prices” refer to NYISO’s RTC LBMP and RTO’s LMP used in RTC. “Real-time Prices” refer to NYISO’s RTD LBMP and RTO’s Real-time LMP. Forecasted Prices are used during NYISO’s RTC evaluation to schedule transactions. Real-time Prices are used to settle transactions. Price Spreads are always calculated as NYISO’s LBMP minus RTO’s LMP.





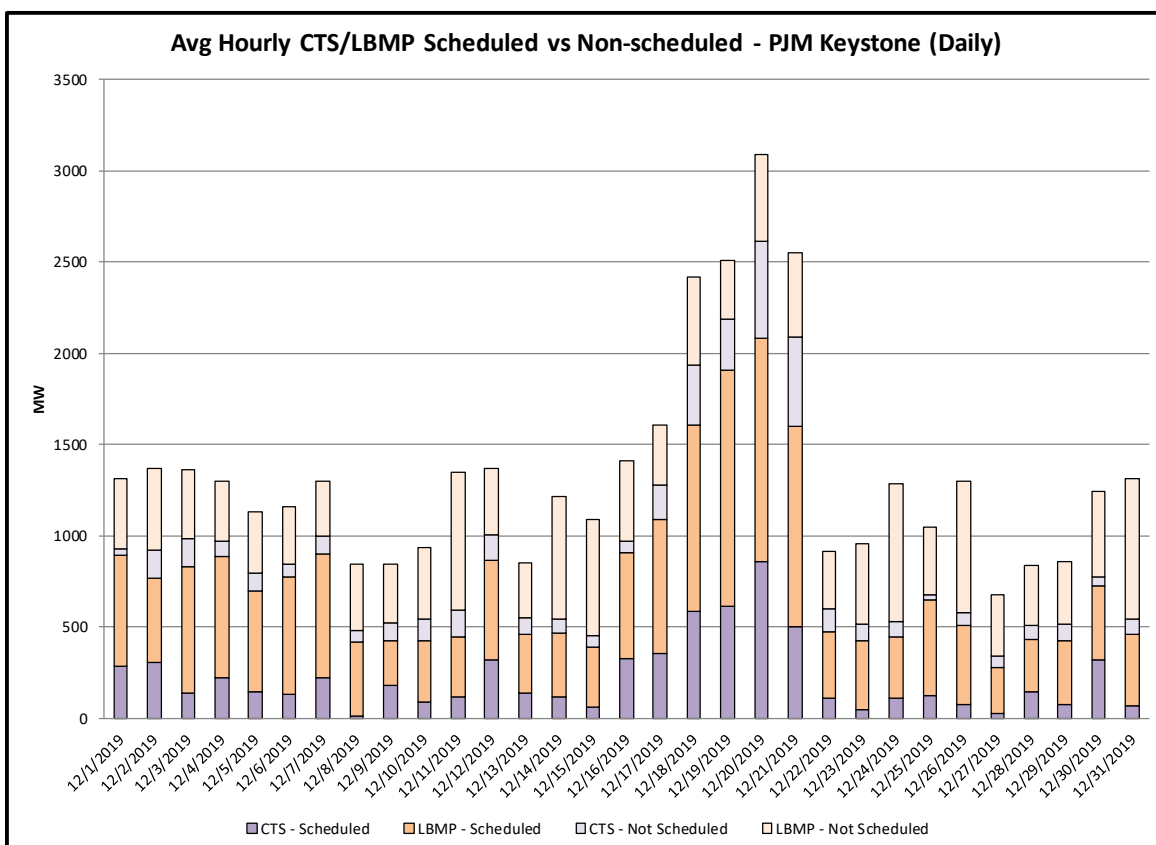
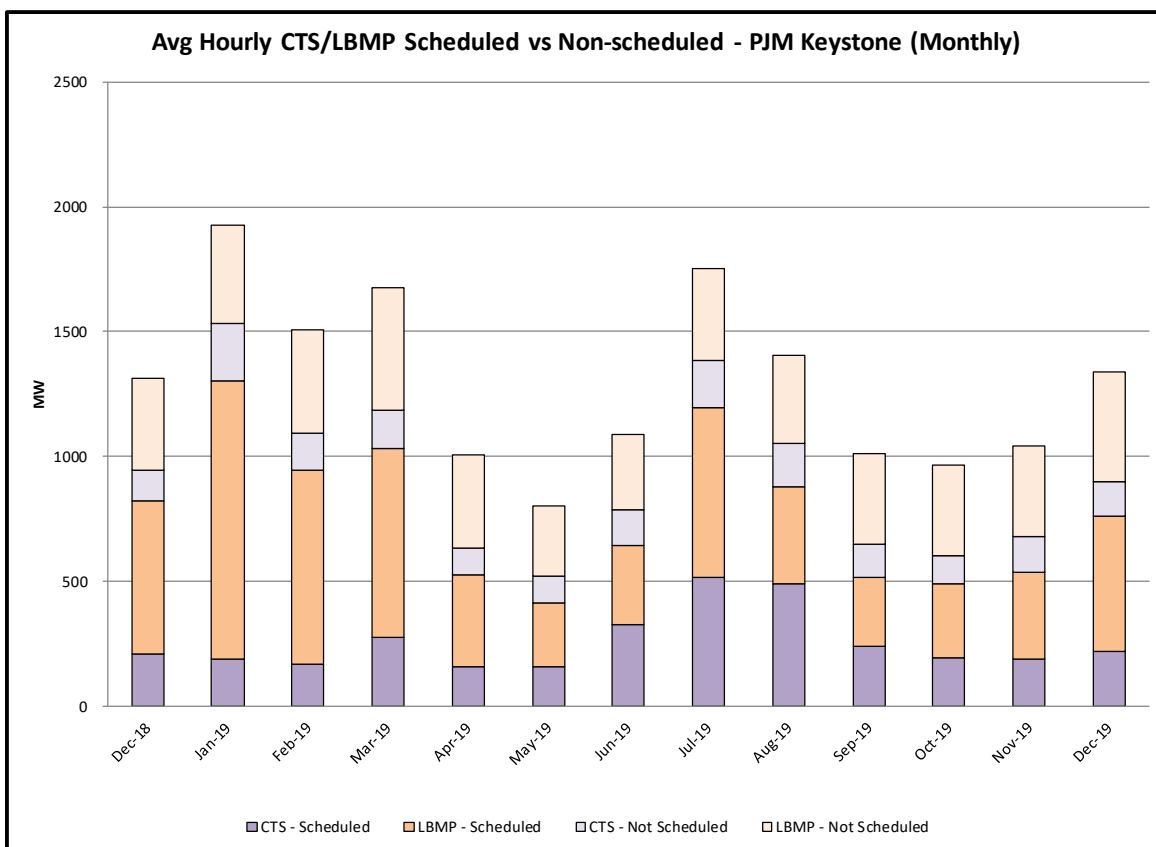


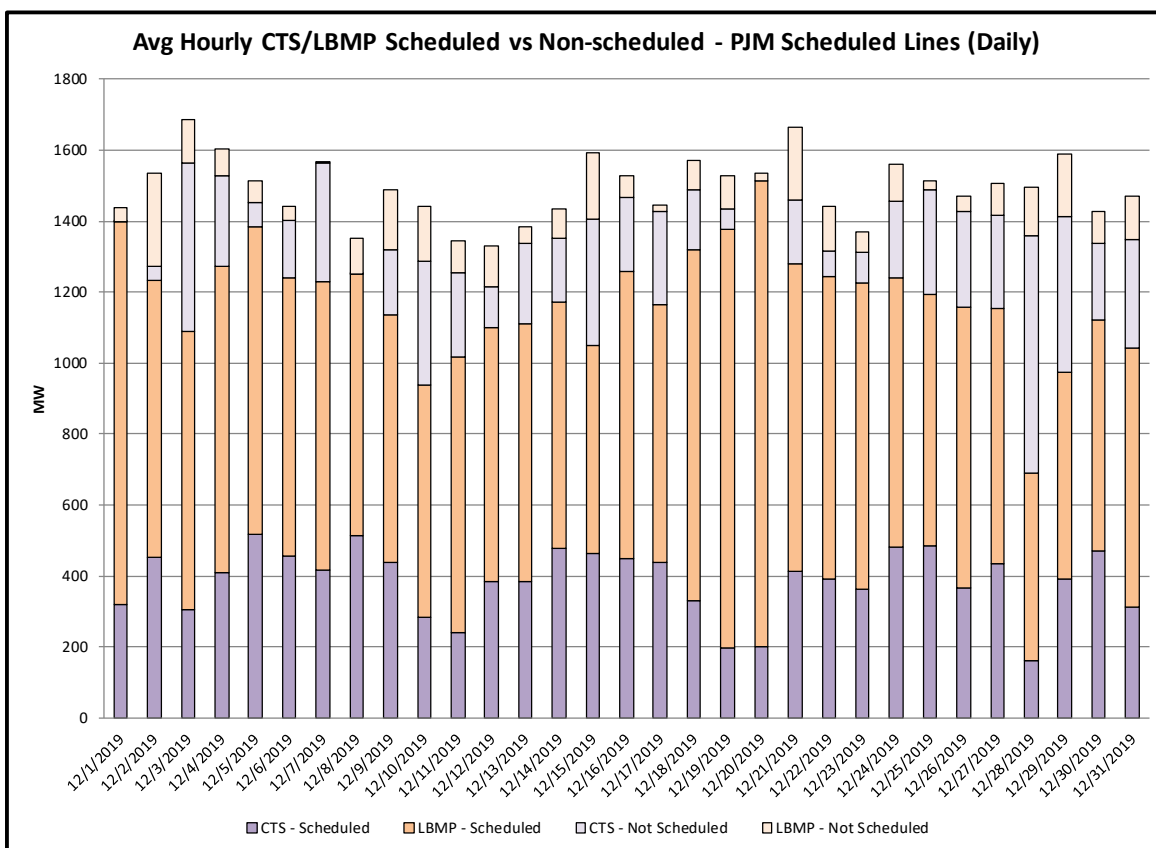
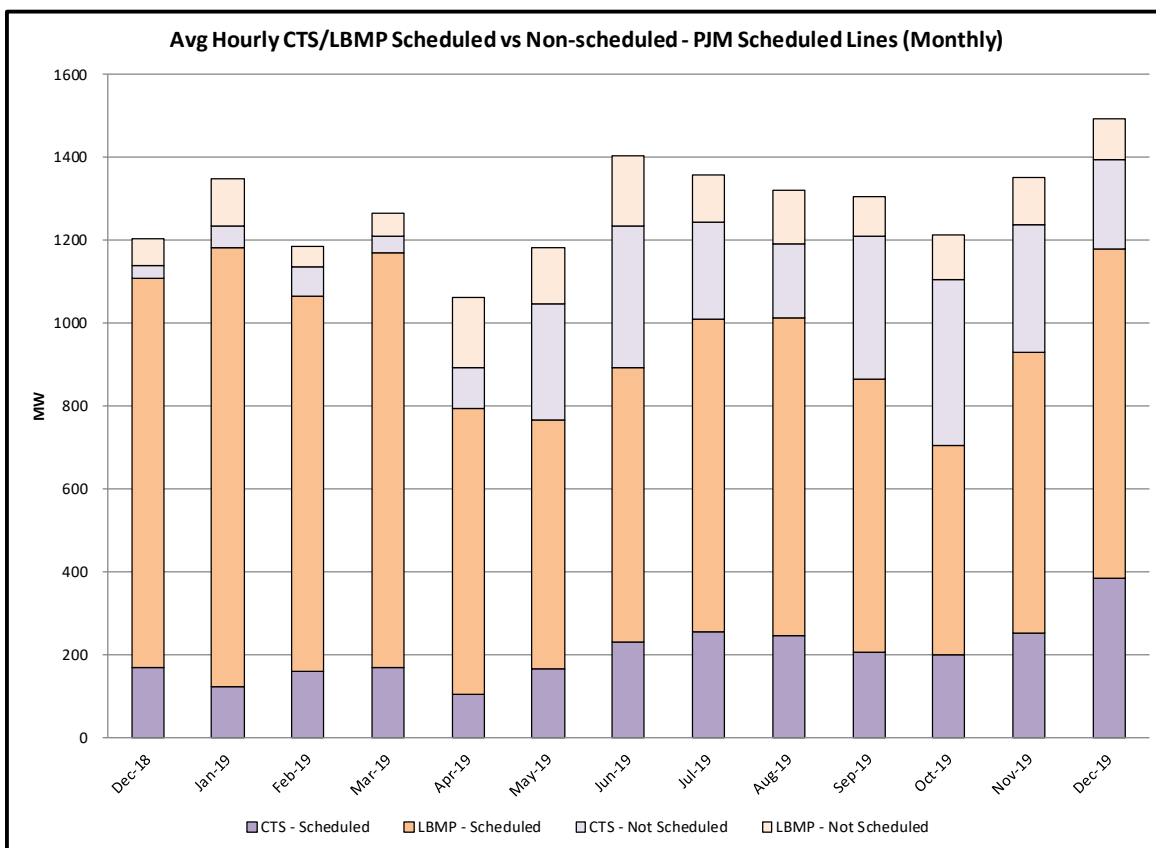
Regional NYISO RT Scheduling

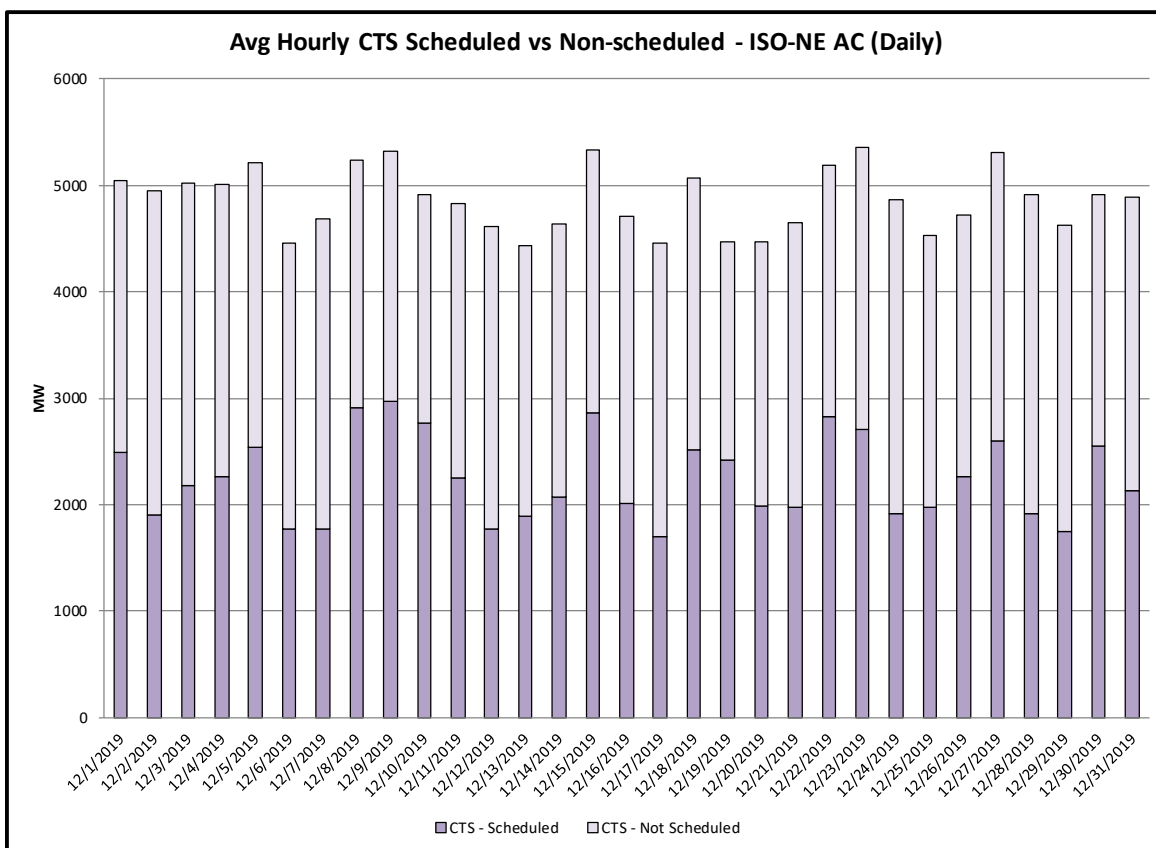
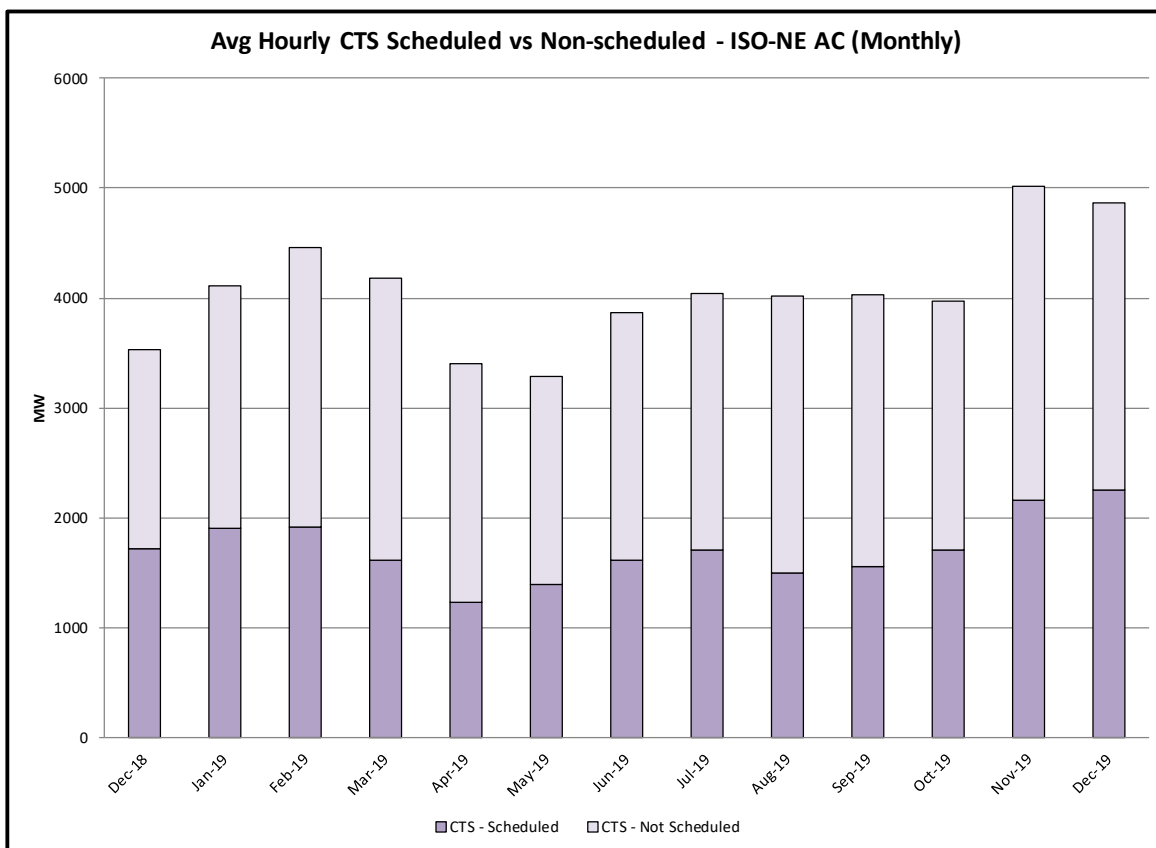
<u>Category</u>	<u>Description</u>
 Forecasted Regional Value - CTS	Forecasted regional production cost savings from the intra-hour energy schedule changes ² on CTS bids (Intra-hour CTS Schedule Changes * [NY RTC LBMP – PJM or ISO-NE’s Forecasted LMP]).
 Forecasted Regional Value - LBMP	Forecasted regional production cost savings from the intra-hour energy schedule changes ² on LBMP bids (Intra-hour LBMP Schedule Changes * [NY RTC LBMP - PJM or ISO-NE’s Forecasted LMP]).
 Forecasted NY Value	Forecasted NY production cost savings from the intra-hour energy schedule changes ² on CTS and LBMP bids (Total Intra-hour CTS & LBMP Schedule Changes * NY RTC LBMP).
 Realized NY Value	Realized NY production cost savings from the intra-hour energy schedule changes ² on CTS and LBMP bids (Total Intra-hour CTS & LBMP Schedule Changes * NY RTD LBMP).

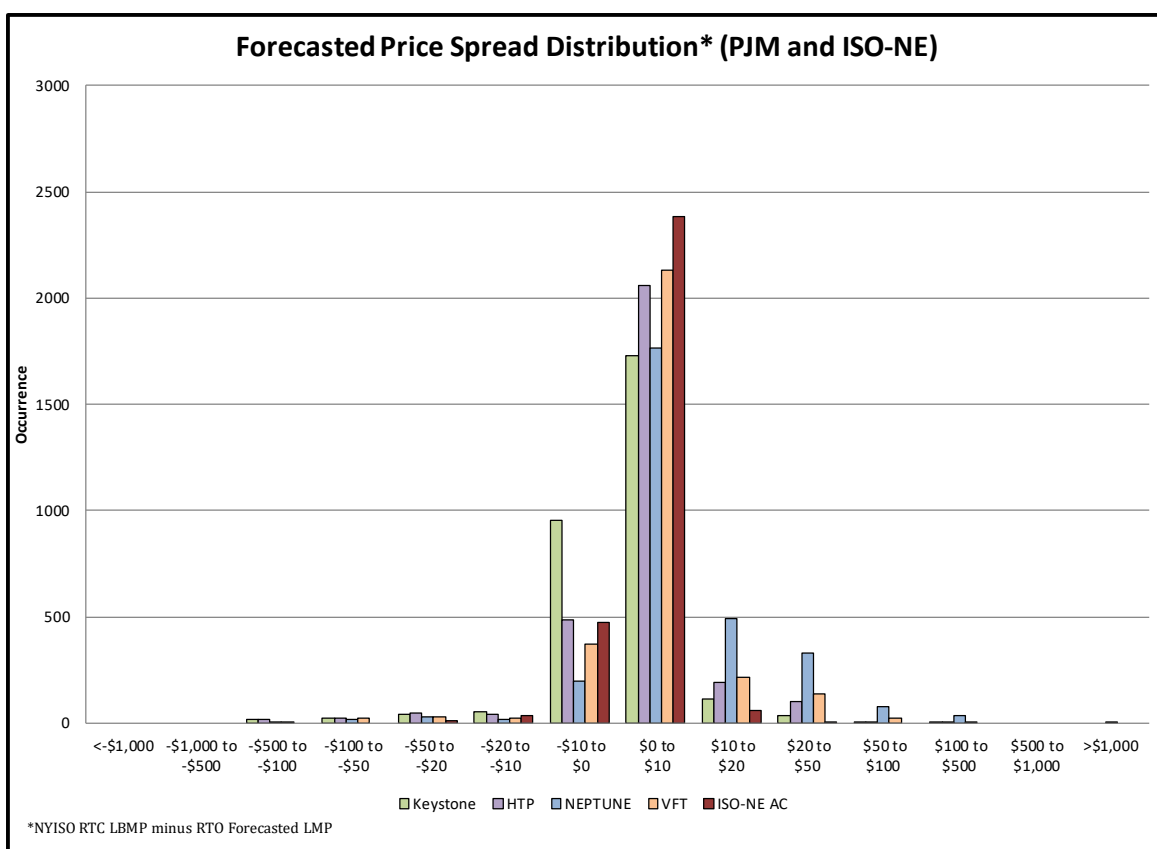
² Note: Schedule changes associated with manual Operator actions such as curtailments and/or transaction derates, and that have a significant impact (either positive or negative) to the above metrics, are generally excluded.

The calculation of CTS/LBMP Value from August 2018 forward will be based on schedule changes from RTC15 instead of the rolling RTC runs, to more closely align with the external MMU’s methodology of analyzing the CTS outcomes.

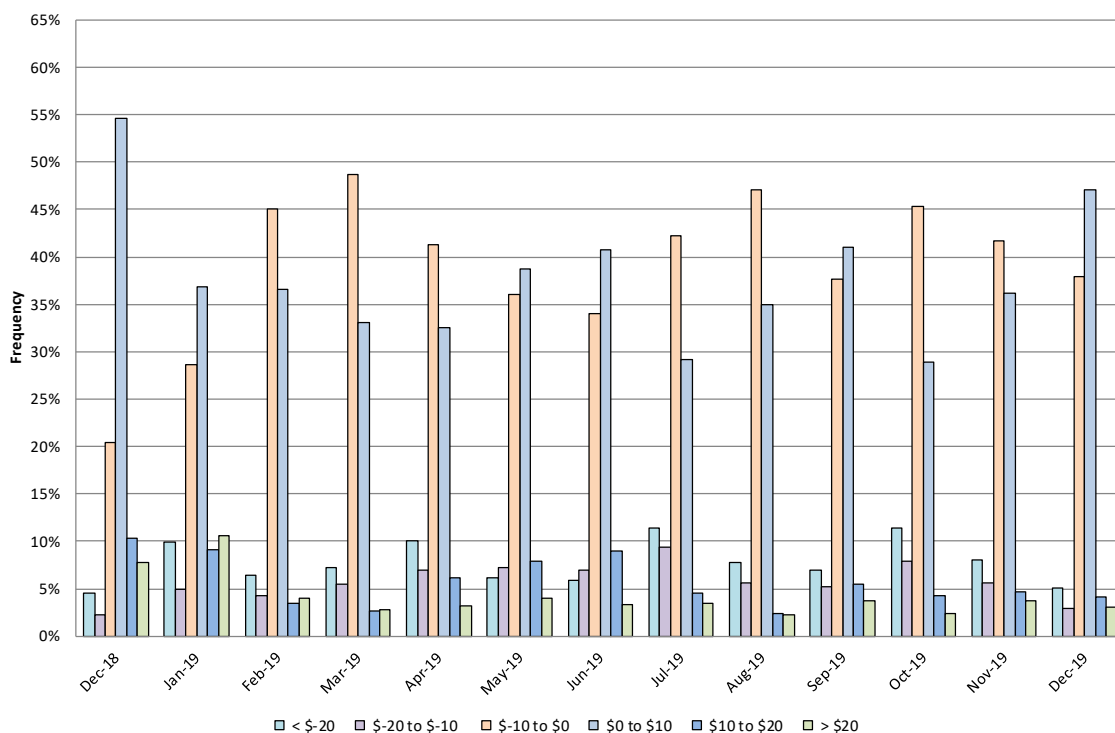








**Forecasted Price Spreads minus Real-time Price Spreads - PJM Keystone
(Monthly)**



**Forecasted Price Spreads minus Real-time Price Spreads - PJM HTP
(Monthly)**

